

## 1-103645-3 Product Details



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TE Internal Number: 1-103645-3



### .100 AMPMODU Headers, Housings & Contacts

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

#### Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Socket
- 2.54 mm Centerline

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RCPT ASSY, AMPMODU MTE, SINGLE , LATCHED &amp; POLARIZE...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU MTE Interconnection System</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP* AMPMODU* MTE CONNECTORS</a> (PDF, English)</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Type = Connector</li> <li>• Connector Type = Housing</li> <li>• Termination Method to Wire/Cable = Crimp, Insulation Displacement Crimp (IDC)</li> <li>• Mating Connector Lock = With</li> <li>• Wire Insulation Diameter (mm [in]) = 1.37 [0.054]</li> <li>• Connector Series = MTE</li> <li>• Keyed = No</li> <li>• Applied Pressure = Standard</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 3</li> <li>• Termination Resistance (mΩ) = 15</li> <li>• Insulation Resistance (MΩ) = 5,000</li> <li>• Dielectric Withstanding Voltage (V) = 600</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Solder Tail Contact Plating = Bright Tin-Lead</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Insulation Diameter (mm [in]) = 0.76-1.37 [.030-.054] Max.</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Row-to-Row Spacing (mm [in]) = 2.54 [0.100]</li> <li>• Wire Range (mm [AWG]) = 0.12-0.40<sup>2</sup> [26-22]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• Contact Plating, Mating Area, Material = Bright Tin-Lead</li> <li>• Contact Base Material = Phosphor Bronze</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Centerline (mm [in]) = 2.54 [0.100]</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Latched</li> <li>• Housing Color = Black</li> <li>• UL Flammability Rating = UL 94V-0</li> <li>• Housing Material = Thermoplastic - GF</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Positions = 14</li> <li>• Number of Rows = 1</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• RoHS/ELV Compliance = Not ELV/RoHS compliant</li> <li>• Lead Free Solder Processes = Not relevant for lead free process</li> <li>• Approved Standards = UL E28476, CSA LR7189</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C) = -65 - +105</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Wire/Cable</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Individual</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> <li>• Comment = Ribbon Cable Notched handles 22-28 AWG; Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators.</li> </ul>